C05025185

Approved for Release: 2021/04/20 C05025185

ROUTE SHEET
NRNC-NRL-10-863 (Rev. 6-58)

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SECURITY INFORMATION

CODE	DATE	INITIALS	PURPOSE	REMARKS
5430	6/17	RBO		
5430	6/17	[illegible]		
5400	6/17/59	LTB		JUN 17 1959
1919R	6/18	VC	2	Returned dated Copy to 1919R
1570	6/18	[illegible]		
1525	6/19	[illegible]		
1522	6/19	[illegible]		
5000	6/22/59	AHS/ft		Show green
4010	6/23	J.m.		" " JUN 22 1959
5430	6/23	B.N.L.		Show green
1919R	6/24	RS	11	Copy received
				Classified by: Dir NRL Review on: 19 June 1979
1523				

INSTRUCTIONS

Prepare 4 copies of this route sheet and forward ALL copies together with necessary correspondence and other documents.

*PURPOSES

1. FOR INFORMATION	7. FOR GUIDANCE
2. APPROVED	8. FOR COMPLIANCE
3. PREPARE REPLY	9. DISTRIBUTE ENCLOSURE
4. FOR SIGNATURE	10. RETAIN ENCLOSURES
5. FOR NECESSARY ACTION	11. RETAIN COP
6. FOR MEMO. COMMENT	12. FILE

NAVY-DPPO PRNC, WASH., D.C.

FROM: Dir., NRL to ITT Labs Fort Wayne, Ind. Via INSMAT

DATE OF MATERIAL: [illegible]

BRANCH IDENT. SYMBOL: 5430-120:RBO:id SER:

ORIG. IDENT. SYMBOL (Mail Room Fill in): 0825

DIVISIONS DO NOT FILL IN

DATE MAILED: 19 JUN 1959

FILE NO: R06-29

SUBJECT: Contract Nonr 2788(00)X with ITT Labs, Fort Wayne, Ind., for Omnidirectional Microwave Transistorized Crystal-Video Radio Receiving Systems; Approval of Prototype and release of production.

54R06-29

HANDLE VIA BYEMAN CONTROL SYSTEM ONLY

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R/S NO. (Mail Rm. Fill in)

PRNC-NRL 10-863a

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5430-120:RBO:ld
NRL Prob No. R06-29
SER: 0825
19 JUN 1959

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From: Director, U. S. Naval Research Laboratory, Washington 25, D. C.
To: ITT Laboratories, Fort Wayne, Indiana
Via: Inspector of Naval Material, Fort Wayne, Indiana

Subj: Contract Nonr 2788(00)X with ITT Laboratories, Fort Wayne, Indiana, for Omnidirectional Microwave Transistorized Crystal-Video Radio Receiving Systems; Approval of Prototype and release of production

Ref: (a) NRL Conf ltr 5430-91:RBO:bsw Serial 0571 of 29 Apr 1959 to INM Fort Wayne, Indiana

1. The subject contract, covering one (1) Prototype and five (5) production equipments, requires test and approval of the Prototype equipment by NRL for compliance with the requirements of the governing specifications prior to release of production.

2. The Prototype equipment was delivered to NRL by [redacted] ITT Laboratory's Project Engineer, on 1 April 1959, and was subjected to the required tests and rejected by reference (a). The basic cause for rejection was its failure to meet the paramount requirement for over-all System sensitivity. This was isolated as resulting from imperfections in the Acceptance Band characteristics of the six Filter-Crystal units which form a part of each System, both individually and as matched sets. These were returned to the contractor for investigation and further work. The other units of the Prototype, namely the Antennas and Amplifiers were retained at the Laboratory inasmuch as they appeared to be satisfactory.

3. On 26 May 1959 these Filter-Crystal units were resubmitted to the Laboratory by [redacted] Subsequent tests of the Prototype System with these units indicated that the governing specifications were now met and that satisfactory performance could be obtained. The ITT Laboratories were so advised through [redacted] by a long distance phone call on 2 June 1959, and that production would be officially released by correspondence.

4. The Laboratory had hoped that it might be possible to devise a simplified method of testing the production equipments but experimental investigation has indicated that it will probably be necessary to conduct acceptance tests on the assembled Systems in accordance with the performance requirements of the specifications.

[redacted]

Classified by: [redacted]
Review on: [redacted]

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5. In view of the satisfactory performance of the Prototype equipment with the Filter-Crystal units resubmitted on 26 May 1959, release of production is hereby approved.

By direction

Copy to:
ONR Code 610
INM Fort Wayne, Ind.

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